

**Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, March 2019**  
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
<b>Crude Oil</b> .....	<b>333</b>	<b>64</b>	<b>0</b>	<b>3,414</b>	<b>70,290</b>	<b>6,495</b>	<b>5,049</b>	<b>2,246</b>	<b>27,650</b>
<b>Petroleum Products</b> .....	<b>18,370</b>	<b>231</b>	<b>0</b>	<b>17,265</b>	<b>39,809</b>	<b>7,573</b>	<b>4,723</b>	<b>112,132</b>	<b>17,821</b>
<b>Natural Gas Liquids</b> .....	<b>7,923</b>	<b>0</b>	<b>0</b>	<b>3,452</b>	<b>28,633</b>	<b>4,543</b>	<b>602</b>	<b>1,410</b>	<b>6,440</b>
Ethane .....	6,338	0	—	0	14,038	855	—	0	928
Propane .....	872	0	0	2,760	8,208	2,084	423	1,410	926
Normal Butane .....	219	0	0	539	3,435	873	108	0	285
Isobutane .....	287	0	0	153	1,163	319	71	0	598
Natural Gasoline .....	207	0	—	0	1,789	412	—	0	3,703
Refinery Olefins .....	0	0	—	381	447	—	—	0	0
Ethylene .....	—	—	—	—	—	—	—	—	—
Propylene .....	0	0	—	381	447	—	—	0	0
Normal Butylene .....	—	—	—	—	—	—	—	—	—
Isobutylene .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	17	0	—	0	746	—	—	0	372
Motor Gasoline Blending Components .....	7,143	0	0	1,162	1,278	1,195	0	57,806	4,243
Reformulated - RBOB .....	0	0	0	0	0	—	0	7,591	1,164
Conventional .....	7,143	0	0	1,162	1,278	1,195	0	50,215	3,079
CBOB .....	7,143	0	0	1,162	1,143	1,195	0	49,983	2,286
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	0	135	—	—	232	793
Renewable Fuels .....	0	0	0	9,706	5,896	293	3,969	386	0
Fuel Ethanol .....	0	0	0	9,313	5,456	220	3,898	317	0
Renewable Diesel Fuel <sup>2</sup> .....	0	0	0	393	439	72	71	69	0
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	81	0	0	340	264	140	0	6,750	441
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	81	0	0	340	264	140	0	6,750	441
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	81	0	0	340	264	140	0	6,750	441
Finished Aviation Gasoline .....	0	0	—	0	0	—	—	86	9
Kerosene-Type Jet Fuel .....	262	0	0	93	92	755	0	16,132	1,954
Kerosene .....	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil .....	2,944	0	0	1,101	859	629	0	28,761	4,055
15 ppm sulfur and under .....	2,944	0	0	1,101	859	629	0	27,044	3,918
Greater than 15 ppm to 500 ppm sulfur .....	0	0	—	—	0	—	—	—	137
Greater than 500 ppm sulfur .....	—	0	—	0	0	—	—	1,717	—
Residual Fuel Oil .....	0	0	—	—	679	—	—	—	0
Petrochemical Feedstocks .....	0	0	—	—	46	—	—	—	0
Naphtha for Petrochemical Feedstock Use .....	0	0	—	—	46	—	—	—	0
Other Oils for Petrochemical Feedstock Use .....	—	—	—	—	—	—	—	—	—
Special Naphthas .....	—	—	—	—	—	—	—	—	—
Lubricants .....	0	0	0	0	0	—	0	351	128
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	0	0	0	552	523	0	0	83	26
Asphalt and Road Oil .....	0	0	0	478	346	18	152	367	153
Miscellaneous Products .....	—	231	—	0	0	—	—	0	—
<b>Total</b> .....	<b>18,703</b>	<b>295</b>	<b>0</b>	<b>20,679</b>	<b>110,099</b>	<b>14,068</b>	<b>9,772</b>	<b>114,378</b>	<b>45,471</b>

See footnotes at end of table.

**Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, March 2019**  
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
<b>Crude Oil</b> .....	0	179	0	22,798	656	0	0	0	0
<b>Petroleum Products</b> .....	0	5,215	0	13,001	3,761	2,050	0	42	25
<b>Natural Gas Liquids</b> .....	0	42	0	12,041	3,506	0	0	0	0
Ethane .....	0	—	0	3,280	1,339	—	0	0	0
Propane .....	0	0	0	4,696	999	0	0	0	0
Normal Butane .....	0	22	0	1,953	347	0	0	0	0
Isobutane .....	0	20	0	817	291	0	0	0	0
Natural Gasoline .....	0	—	0	1,295	530	—	0	0	0
Refinery Olefins .....	—	—	0	0	0	—	0	0	—
Ethylene .....	—	—	—	—	—	—	—	—	—
Propylene .....	—	—	0	0	0	—	0	0	—
Normal Butylene .....	—	—	—	—	—	—	—	—	—
Isobutylene .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	—	—	0	0	0	—	0	0	—
Motor Gasoline Blending Components .....	0	3,771	0	152	0	1,095	0	0	0
Reformulated - RBOB .....	—	2,351	0	0	0	0	0	0	—
Conventional .....	0	1,420	0	152	0	1,095	0	0	0
CBOB .....	0	1,420	0	152	0	1,095	0	0	0
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	—	—	0	0	0	—	0	0	—
Renewable Fuels .....	0	529	0	0	0	0	0	0	0
Fuel Ethanol .....	0	351	0	0	0	0	0	0	0
Renewable Diesel Fuel <sup>2</sup> .....	0	178	0	0	0	0	0	0	0
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	0	0	0	342	0	359	0	0	0
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	0	0	0	342	0	359	0	0	0
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	0	0	0	342	0	359	0	0	0
Finished Aviation Gasoline .....	—	—	0	0	0	—	0	0	—
Kerosene-Type Jet Fuel .....	0	305	0	24	0	45	0	0	0
Kerosene .....	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil .....	0	427	0	332	0	332	0	0	0
15 ppm sulfur and under .....	0	427	0	332	0	332	0	0	0
Greater than 15 ppm to 500 ppm sulfur .....	—	—	—	0	0	—	—	0	—
Greater than 500 ppm sulfur .....	—	—	0	—	0	—	0	0	—
Residual Fuel Oil .....	—	—	—	0	0	—	—	0	—
Petrochemical Feedstocks .....	—	—	—	0	0	—	—	0	—
Naphtha for Petrochemical Feedstock Use .....	—	—	—	0	0	—	—	0	—
Other Oils for Petrochemical Feedstock Use .....	—	—	—	—	—	—	—	—	—
Special Naphthas .....	—	—	—	—	—	—	—	—	—
Lubricants .....	—	0	0	0	0	0	0	42	—
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	0	0	0	0	105	46	0	0	25
Asphalt and Road Oil .....	0	141	0	110	150	174	0	0	0
Miscellaneous Products .....	—	—	0	—	0	—	0	0	—
<b>Total</b> .....	0	5,394	0	35,799	4,417	2,050	0	42	25

— = No Data Reported.

<sup>1</sup> Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

<sup>2</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.